

polymer (LCP), polyester/polycaprolactone polyester/polyadipate, polyetheretherketone (PEEK), polyethersulfone (PES), polyetherimide (PEI), polyetherketone (PEK), polymethylpentene, polyphenylene ether, polyphenylene sulfide, styrene acrylonitrile (SAN), nylon 6, nylon 6/6, nylon 6/66, nylon 6/9, nylon 6/10, nylon 6/12, nylon 11 and nylon 12, and the polymeric material of the bonding layer is selected from the class consisting of ethylene propylene, ethylene vinylacetate and ethylene vinyl alcohol (EVA), various ionomers, polyethylene type I-IV, polyolefins, polyurethane, polyvinyl chloride, and polysiloxanes (silicones).

40. The method of claim 39 wherein the inner bonding layer consists of a material selected from the group consisting of ethylene propylene, ethylene vinylacetate, vinylacetate and ethylene vinyl alcohol (EVA), various ionomers, polyethylene type I-IV, polyolefins, polyurethane, polyvinyl chloride, and polysiloxanes (silicones).

41. The method of claim 38 wherein the material of the inner layer readily adheres to a surface by melt bonding and has a melting point below that of the outer layer; and further comprising the step of bonding the expander to a catheter body tube by melt bonding.

REMARKS

In accordance with the above amendments, claims 23-25 from the parent application have been canceled and new claims 26-41, added. Claims 26-41 remain under consideration in the application.

Consideration and early allowance of the claims is earnestly solicited.

Respectfully submitted,

HAUGEN AND NIKOLAI, P.A.



C. G. Mersereau
Registration No. 26205
Attorneys for Applicant(s)
820 International Centre
900 Second Avenue South
Minneapolis, MN 55402
(612) 339-7461

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